Original/Duplicate/Triplicate

SBR No.84/23-24 DATED 20-12-2023

CONTRACT CERTIFICATE

No. 12th Bill/Final/Other Works Date: 2023

Division: Electrical (Establishment) Sub Division: Electricals

Bill Received No. Dated Divisional/Sub Divisional Cash Book Voucher No. ..... Dated .....

Job Code :-004-22-000011

Schedule Book at No. Head of Account : 8-0501-M&R-06-Street lights- Replacement of Guntas Bulbs etc.

S.R. No. : Period: 01-11-2023 to 30-11-2023(for 1 months)

Name of Work :- *Annual Maintenance and repairs of street lights in ward no.04 Package V-04 of Yelahanka Zone*

Name of Contractor and Full Address: M/S. Suraksha Electricals

Reference to Agreement No: LE/Sc/YZ/AE(E)/SBR/04/2022-23 Date:01-04-2022

Reference to Work order No: LE/Sc/YZ/AE(E)/SBR/04/2022-23 Date:01-04-2022

Supplementary Work order No:- LE/Sc/YZ/WO/SBR/04/2023-24 Dated:11-04-2023

Certified that the measurements were taken by me on 12.12.23 and recorded at Page 60 to 66 in Measurement Book No. 26655 and that the work is satisfactorily executed.

Contractor Officer-in-charge of Work

Certified that the said Establishment work taken by me on 20.12.23 Present Market. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 hereunder have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of said reputable nature and are all required for immediate use on the work in connection with items for finishes which have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Divisional Officer

1)	Total value of work done or supplies made as per account within	Upto	75,11,423-00
2)	Deduct amounts as by bill or reserve being ..... as per col. No.	Paid	71,85,323-00
3)	Balance		3,26,100-00
4)	Deduct Payments:		
	a) Amount of previous payments as per Office Cash Book Voucher No. ..... Dated ..... S.R. No.	Amt Debited	3,23,100-00
	Now this cash advance on account of	Less Ded	3,23,100-00
	b) Payment to [name of person supplying materials] Now paid for [nature of work or materials supplied] as per bill/voucher No. ..... dated ..... Amount paid as per bill/Cheque/Cash	CRC/Ded	3,23,100-00
		Cash Pd	3,23,100-00
		Cheque Pd	3,23,100-00
5)	Balance being unpaid value of work done held in reserve.	Reserve	3,23,100-00
6)	Unused cash advance under the Office cash Book Voucher No. ..... dated ..... Now adjustment	Recovery	3,23,100-00
7)	Net recoverable to or from Government	Balance	3,23,100-00
8)	Advance to Contractor for materials brought to site (as detailed)	Deduction	3,23,100-00
9)	Value of Government materials supplied		3,23,100-00

Received Rs ..... (in words) .....

by cash and in settlement of Payment as per memorandum

(for final settlement of all demands) (for use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Paid by me in Cheque No. ..... Dated .....

Cash Rs. .....

Dated .....

Initials of Officer making payment

Stamp

Assistant Engineer

Sl. No.	Description of Item	Unit
	Name of Work :- Annual Maintenance and repairs of street lights in wards no 04 Package V (04 of Yelahanka Zone	
1	Operation and Maintenance of street lighting system including replacement of damaged/unserviceable cut out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise street wise data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 04 no HPSV streetlight lighting systems	Each
2	Operation and Maintenance of street lighting system including replacement of damaged/unserviceable cut out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 1000 W HPSV streetlight lighting systems	Each
3	Operation and Maintenance of street lighting system including replacement of damaged/unserviceable cut out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 250W HPSV streetlight lighting systems	Each
4	Operation and Maintenance of street lighting system including replacement of damaged/unserviceable cut out components like lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank, furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents 400 watts HPSV street light high Mast lighting systems.	Each
5	Operation and Maintenance of LED Street lighting system including replacement of damaged/unserviceable cut components like LED drivers MCPCB surge protection device switches, Wires holders, Sisters covering weather proofing boots conforming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in Tender documents for 24 watt LED pole lighting systems	Each
6	Operation and Maintenance of LED Street lighting system including replacement of damaged/unserviceable cut components like LED drivers MCPCB surge protection device switches, Wires holders, Sisters covering weather proofing boots conforming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in Tender documents for 60 watt LED street light lighting systems	Each
7	Operation and Maintenance of LED Street lighting system including replacement of damaged/unserviceable cut components like LED drivers MCPCB surge protective device switches, Wires holders, Sisters covering weather proofing boots conforming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank, furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in Tender documents for 90 watt LED street light lighting systems	Each
8	Operation and Maintenance of LED Street lighting system including replacement of damaged/unserviceable cut components like LED drivers MCPCB surge protective device switches, Wires holders, Sisters covering weather proofing boots conforming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in Tender documents for 120 watt LED streetlight lighting systems	Each

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
		1	Months		Upto Date paid up for 20 Months		
0	0	0	67.12	0.00	0	0.00	
0	0.00	0	60.02	0.00	0	0.00	
2136x09 Months	144761.20	2136	64.79	138450.24	23361x20 Months	1620864.00	
2012x19 Months	228844.08	0	91.17	0.00	202x20 Months	229344.08	
0	0.00	0	73.23	0.00	0	0.00	
85x19 Months	777167.60	98	63.10	6183.80	1620x20 Months	1638351.60	
1834x19 Months	2294300.80	1834	111.80	205041.20	1834x20 Months	2314064.00	
153x19 Months	286764.00	18	121.35	2184.78	153x20 Months	289015.00	

9	Operation and Maintenance of LED Street lighting System including replacement of damaged/defective LED drivers, MCB/DB, surge protective device, switches, Photo Electric Sensor, weather proof junction box, testing, re-fixing, ON/OFF of Street lights at prevailing timing and pole numbering, Preparing ward wise Street wise Street light data bank, furnishing maintenance reports every day etc., complete so as to ensure efficient running of Street lights detailed in Tender documents for 160 watt LED street light (High mast lighting system)	Each
10	Painting of existing steel poles after scraping the old paint and rust with suitable primer and two coats of Silver Paint including cost of the same (Only GMC approved Paint)	Nos.
11	Painting of existing steel pole after scraping the old paint and painting with suitable colour of Green colour including cost of the same (Only GMC approved paint)	Nos
12	Supplying and fixing Miniature Circuit Breaker (MCCB) with Protective enclosure, complete with necessary screws, bolts, nuts, necessary cable connections, earthing and testing complete. Protection of Overload and Short circuit with thermal magnetic release and Earth Fault as per IS 13947 (Part 2) 1993 with Amdt 2	Each
13	Supply and Installation 1 Pairing / Provision of Role box with 4P63 Fuse / MCB provision and necessary connector / terminal for 3 Ph / 1 Ph connections with Copper & Loop Out terminals for 10 Sqmm / 35 Sqmm 3.5 C 4P63 / On/Off Cover and marking etc. 3.5 Sqmm 2 core XLPE/ PVC shielded cable enclosed in a Rectangular, Polycarbonate enclosure which should be shock proof (IP65 Weather Proof) dust proof, heat proof having internally threaded Cover with provision for cable entry through IP65 Thermoplastic polyamide glands (protection 240volts) Volume 150mm	Each
14	Supply of LED Complete luminaire with pressure die cast aluminium housing body for optimal thermal dissipation, Lens compartment comprising of anti glare clear diffuser with injection moulded polycarbonate/toughened glass material, providing superior light output. Rated Life Burning Hrs 50000 at 25 Lumen Maintenance of 70%, CCT = 5500K, IP66 optical and electrical compartment & ingress resistance of complete luminaire = IP65, Power Factor >0.9 with mains, Surge Protection- Min 10kV rating with Over voltage, Overheat, short circuit, sleep wake protection, Complete for glare shielding with outer dia of 45mm to 50mm, Universal voltage driver to operate wide voltage range from 180V to 270V for single application, Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Adherence with RoHS, IP 66 and IK09/IK 10 Tool access arrangement single screw to ensure ease of maintenance & the body is lockable with horizontal/vertical tools, LED Light fixture with W System Power consumption, LED efficacy >130lm/w, nominal CRI >70, Luminaire manufacturer should have in-house facility manufactured by NABL/CPRI & any Government or certified agency & Design & Development facility certified by ISO 9001:2008, Housing with stainless steel static nameplate / embossing on the die cast housing body part, Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Guarantee/ Lumen Maintenance where LED Size of LED Fixture(in 240W)	Nos
15	Supplying and fixing single pole/one way bakelite switch 5 Amps 250 Volts, with base watertight etc., and painted with 2 coats of red oxide primer per coats of approved paint Appliance	Nos
16	Supply and fixing of double pole switch socket combination with MCB/MCCB controls on existing wooden panel board using necessary brass nuts, washers and wiring etc., complete with ACG Rating and as per IS-13947 (Part 2) to 125 Amps	Nos.
17	Supplying and fixing Miniature Circuit Breaker of any Single with easily operated nuts, bolts and spanner etc.	Each
18	Supplying and fixing miniature circuit breakers on existing MCB combination board using necessary wiring connection and 'C' Type curve, 4 Module DIN/DP, energy meter with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898, 30-63 Amps SP	Each
	TOTAL	
	Add GST 18 % on item no. 10 to 18	
	TOTAL Rs	
	Fine imposed for non cleaning of street lights For the period of 1/4/2023 to 30/9/2023	
	As per street light agreement clause 2% will be deducted in monthly maintenance bill against the individual lamp/fitting	
	GRAND TOTAL	

Certificate

The above said monthly maintenance work has been carried out satisfactorily

2	0.00	0	0.00	0.00	0	0.00	
0	0.00	0	0.00	0.00	0.00	0.00	
228	1903[illegible].00	0	720.00	0.00	228.00	1[illegible].00	
20	2[illegible].00	0	1[illegible].00	0.00	19.00	2[illegible].00	
18	3[illegible].30	0	2954.00	0.00	18.00	3[illegible].00	
23	4[illegible].00	0	1[illegible].00	0.00	23.00	4[illegible].00	
19.20	2[illegible].00	0	2[illegible].00	0.00	20.00	4[illegible].00	
30.00	7[illegible].00	0	2[illegible].00	0.00	10.00	7[illegible].00	
17	4[illegible].00	0	4[illegible].00	0.00	17.00	4[illegible].00	
14	10122.00	0	723.00	0.00	14.00	10122.00	
	70019[illegible].50			2[illegible].00		7[illegible].36	
	[illegible]	-12%	[illegible]	[illegible]	[illegible]	[illegible]	
	7[illegible].65	10%	[illegible]	[illegible]	[illegible]	7[illegible].39	
	[illegible]			[illegible]		[illegible]	
	[illegible]			[illegible]		[illegible]	
	8[illegible].21			2[illegible].69		7[illegible].60	